MODEL 5500 MK II
AUTOLOADING SHOTGUN

OWNER'S MANUAL

SAFETY WARNINGS

IMPORTANT "SAFETY WARNINGS" — NOTE THE SYMBOL SAFETY WARNING

SAFETY WARNING These safety warnings are for your protection as well as the safety of others. Disregarding information in this manual may result in serious injury or death.

SAFETY WARNING **STOP!** DO NOT ATTEMPT TO LOAD OR USE ANY FIREARM UNTIL YOU READ AND UNDERSTAND THE INFORMATION CONTAINED IN THIS MANUAL. Improper use and handling is dangerous and could cause severe injury to you personally or to those around you. All users of the firearm must become thoroughly familiar with the instructions in this manual.

BE CERTAIN THIS OWNER'S MANUAL IS AVAILABLE FOR REFERENCE AND IS KEPT WITH THIS FIREARM IF TRANSFERRED TO ANOTHER PARTY. If manual is lost or misplaced, write directly to Mossberg for a free replacement copy.

SAFETY WARNING As the owner of a firearm, you must undertake the full-time responsibility of safe firearms handling, for your own safety and the safety of those around you. KEEP ALL FIREARMS AND AMMUNITION OUT OF THE REACH OF CHILDREN. STORE YOUR FIREARMS AND AMMUNITION SEPARATELY. NEVER STORE A LOADED FIREARM. NEVER LEAVE A LOADED FIREARM UNATTENDED. NEVER TRANSPORT A LOADED FIREARM IN A VEHICLE. Before handling your firearm, you should learn how it operates and how to maintain it. This includes knowing its basic parts, how the manual safety and other safety features operate, how to safely open and close the action and how to safely load and unload ammunition from the gun.

SAFETY WARNING

REMEMBER: A FIREARM'S MANUAL SAFETY IS A MECHANICAL DEVICE WHICH CAN NEVER REPLACE SAFE GUN HANDLING. SAFE GUN HANDLING DEPENDS ON YOU.

SAFETY WARNING

ALWAYS POINT THE MUZZLE OF YOUR FIREARM IN A SAFE DIRECTION, REGARDLESS OF WHETHER THE FIREARM IS LOADED OR UNLOADED. YOU SHOULD BECOME THOROUGHLY FAMILIAR WITH THE FUNCTION AND OPERATION OF THIS FIREARM AND THE INSTRUCTIONS SUPPLIED WITH IT. ALWAYS TREAT EVERY FIREARM AS IF IT WERE LOADED. GIVE YOUR FIREARM TO SOMEONE WITH THE ACTION OPEN AND THE SAFETY IN THE "ON" (SAFE) POSITION AFTER YOU VERIFY THE FIREARM IS UNLOADED. INSIST ON THE SAME PROCEDURE WHEN RECEIVING A FIREARM FROM SOMEONE ELSE. NEVER LEAVE FIREARM LOADED IN ANY LOCATION AS AN ACCIDENTAL DISCHARGE COULD CAUSE INJURY, DAMAGE OR DEATH. MOST IMPORTANT — LEARN THE LOCATION OF ALL THE SAFETY FEATURES OF YOUR FIREARM AND HOW THEY OPERATE.

You have a responsibility to obtain proper training on how to use and maintain your firearm. Certified and reputable safety courses and instructions are offered by The National Rifle Association (NRA) as well as by state and local organizations.

YOU ALSO HAVE A RESPONSIBILITY TO KNOW AND OBEY ALL LOCAL, STATE AND FEDERAL LAWS GOVERNING THE USE, POSSESSION AND TRANSPORTATION OF FIREARMS.

SAFETY WARNING

Use only the correct ammunition referenced by the marking on the barrel. MOSSBERG firearms are designed, manufactured and proof tested to recommended Sporting Arms and Ammunition Manufacturers Institute (SAAMI) standards for factory loaded ammunition. WE SPECIFICALLY DISCLAIM ANY RESPONSIBILITY FOR DAMAGE OR INJURY WHATSOEVER OCCURRING IN CONNECTION WITH, OR AS A RESULT OF, THE USE OF FAULTY, OR NON-STANDARD, OR "REMANUFACTURED" OR HAND-LOADED (RELOADED) AMMUNITION. ADDITIONALLY, WE DISCLAIM ANY RESPONSIBILITY FOR DAMAGE OR INJURY WHICH RESULTS FROM ANY MODIFICATION OR CHANGES THAT ARE NOT A PART OF THE FIREARM DELIVERED FROM THE FACTORY.

SAFETY WARNING

STEEL SHOT must be fired only through Accu-Choke barrels with ACCU-STEEL Choke tubes installed. We specifically disclaim any responsibility for damage or injury resulting from firing steel shot through any barrel without ACCU-STEEL Choke tubes installed.

SAFETY WARNING

Learn how to clean your firearm thoroughly and make certain no oil, grease or other materials are blocking the barrel. Obstructions of any kind can cause personal injury and damage to the firearm.

SAFETY WARNING

Practice proper firearms maintenance and safety. Make sure all exposed metal surfaces are coated with a thin film of oil, especially after being exposed to damp weather. (SEE PROPER SECTION OF THIS MANUAL FOR CLEANING INSTRUCTIONS.) DO NOT PLUG BARREL or store in a fabric-lined case which will absorb lubricants from the firearm. Before using after storage, follow complete instructions stated in this manual for refamiliarization with the firearm. A thorough inspection should be performed before going into the field. Have your gun periodically checked by a qualified gunsmith.

SAFETY WARNING

WEAR EYE AND EAR PROTECTION WHEN SHOOTING. Shooting without proper ear protection can cause hearing damage. The use of eye protection during any type of shooting is important to protect your vision.

SAFETY WARNING

NEVER CLIMB OR JUMP OVER AN OBSTACLE WITH A LOADED GUN. NEVER PULL A GUN TOWARD YOU BY THE MUZZLE. NEVER SHOOT TOWARD A FLAT HARD SURFACE OR WATER. ALWAYS BE SURE YOUR BACKSTOP IS ADEQUATE.

SAFETY WARNING

SAFETY AND SAFE FIREARMS HANDLING IS EVERY SHOOTER'S RESPONSIBILITY. TREAT ALL FIREARMS AS IF THEY ARE LOADED. CHAMBER LIVE ROUNDS ONLY WHEN READY TO FIRE AT A KNOWN, SAFE TARGET.

SAFETY WARNING

WHEN HANDLING YOUR FIREARM, NEVER ALLOW HAND OR ANY OBJECT TO TOUCH THE TRIGGER.

SAFETY WARNING

ALWAYS KEEP THE MUZZLE OF THE GUN POINTED IN A SAFE DIRECTION. THE SAFETY SHOULD ALWAYS BE IN THE "ON" (SAFE) POSITION. IT IS A MECHNICAL DEVICE AND SHOULD NOT BE USED AS AN EXCUSE FOR CARELESS HANDLING OR UNSAFE PRACTICES.

SAFETY WARNING

SCOPE INSTALLATION: Due to the heavy recoil of a shotgun, be careful to maintain an adequate distance between the rear of the scope and your face at all times. Be certain the scope installation does not interfere with access to or proper functioning of the safety button.

SAFETY WARNING

Make sure you read, understand and follow the National Rifle Association's gun safety rules that are listed at the end of this manual.

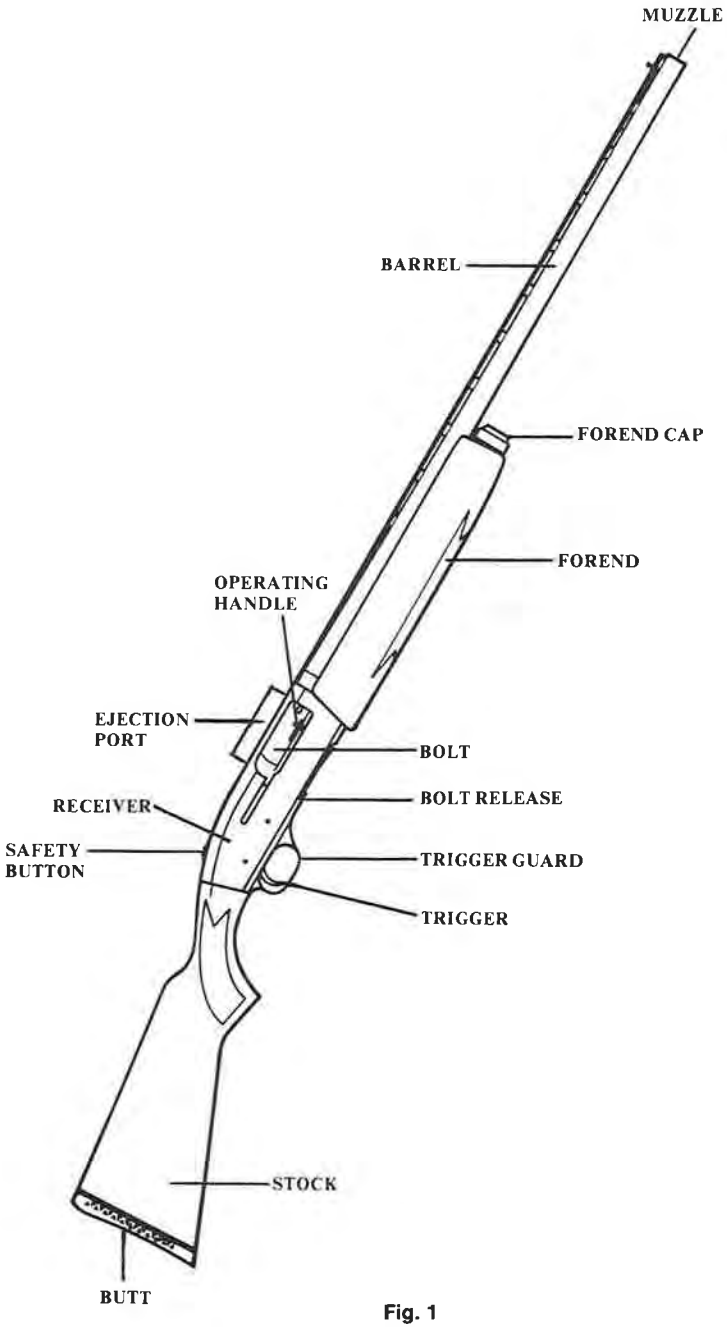


Fig. 1

SAFETY

The safety is located on the top rear portion of the receiver (Fig. 2) and must be manually moved to the desired position by the shooter.

TO PUT THE SAFETY IN THE "ON" (SAFE) POSITION, THE SAFETY BUTTON MUST BE MOVED FULLY REARWARD INTO THE SAFETY DETENT. THE BUTTON WILL NOW BE OVER THE RED DOT. THE RED DOT IS A TRAINING AID USED ONLY TO SHOW THE DIRECTION OF THE "ON" (SAFE) POSITION AND SHOULD NOT BE USED AS AN INDICATOR THAT THE SAFETY IS "ON" OR "OFF" (FIG. 2). MOVING THE SAFETY BUTTON FORWARD TOWARD THE MUZZLE OF THE GUN WILL PUT THE SAFETY IN THE "OFF" (FIRE) POSITION.

SAFETY WARNING REMEMBER, A FIREARM'S MANUAL SAFETY IS A MECHANICAL DEVICE WHICH CAN NEVER REPLACE SAFE GUN HANDLING PRACTICES.

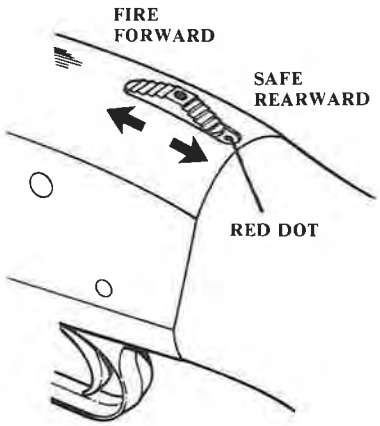


Fig. 2

SAFETY WARNING YOUR MODEL 5500 MKII "SHOOTING SYSTEM" COMES WITH TWO INTERCHANGEABLE BARRELS. EACH BARREL IS DESIGNED TO FIRE ONLY THE TYPE OF 12 GAUGE AMMUNITION SPECIFICALLY DESIGNATED ON THE BARREL.

THE BARREL MARKED 12GA-2¾ NON-MAGNUM LOADS ONLY" IS SPECIFICALLY DESIGNED FOR 2¾ IN. NON-MAGNUM TARGET OR FIELD LOADS.

SAFETY WARNING FIRING MAGNUM SHELLS IN THE NON-MAGNUM BARREL WILL RESULT IN DAMAGE TO THE FIREARM AND POSSIBLE PERSONAL INJURY.

THE BARREL MARKED "12GA MAGNUM SHELLS — 2¾ or 3 IN."IS SPECIFICALLY DESIGNED FOR THESE MAGNUM LOADS. LESS POWERFUL LOADS CAN BE FIRED IN THIS BARREL, BUT THEY MAY NOT RELIABLY CYCLE THE ACTION.

SAFETY WARNING SLUG BARRELS SPECIFICALLY DESIGNED TO FIRE SLUGS ARE AVAILABLE AS AN ACCESSORY FROM MOSSBERG. IF YOU CHOOSE TO USE A DIFFERENT MOSSBERG BARREL FOR SLUGS, IT MUST BE A "MAGNUM" BARREL.

UNPACKING YOUR AUTOLOADER

Your MODEL 5500 MKII AUTOLOADING SHOTGUN is shipped from the factory with the barrel disassembled. CAUTION — THE BOLT IS ALWAYS UNDER SPRING PRESSURE. WHEN THE BOLT RELEASE IS PUSHED WITH THE BOLT LOCKED REARWARD, THE BOLT IS DRIVEN FORWARD TOWARD THE MUZZLE WITH CONSIDERABLE FORCE. DO NOT HAVE FINGERS OR OTHER OBJECTS IN THE EJECTION PORT. (FIG. 3) The operating handle (Fig. 3) must be assembled securely in place in the action before the forend is removed. Should handle not be in place proceed as follows (See Fig. 4). To assemble the operating handle, align the slot in the bolt with the slot in the action bar assembly, holding the operating handle with the notch rearward. Insert the handle through the slot in the action bar assembly. Push operating handle inward until plunger engages with notch in handle. The forend may now be removed.

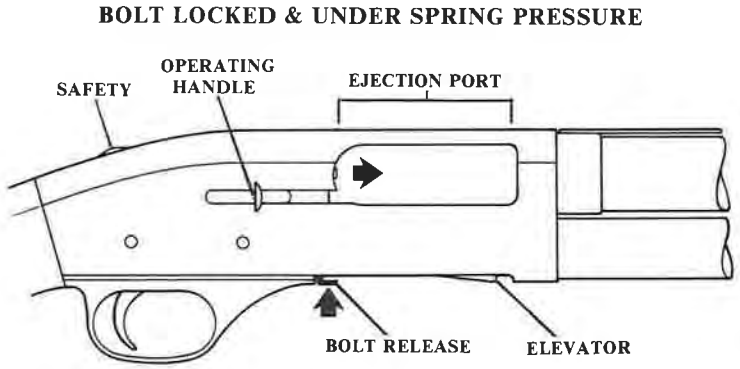


Fig. 3

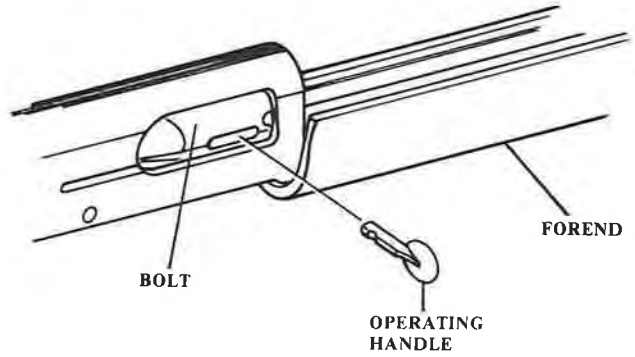


Fig. 4

CAUTION — NEVER PUSH THE BOLT RELEASE WITHOUT THE BARREL INSTALLED UNLESS THE OPERATING HANDLE IS MANUALLY PREVENTED FROM MOVING FORWARD RAPIDLY.

SAFETY WARNING Visually inspect the inside of the barrel to make certain it is free of any obstructions, excessive oil or grease. If you are unable to remove all obstructions, bring the gun to a qualified gunsmith or return it to Mossberg. Failure to do so may result in gun damage and/or personal injury when the shotgun is fired.

SAFETY WARNING Move the safety button to the "on" (safe) position (Fig. 2).

To install the barrel, unscrew the forend cap and remove the forend (Fig. 5). Slide the washer and recoil spring off the magazine tube (Fig. 5).

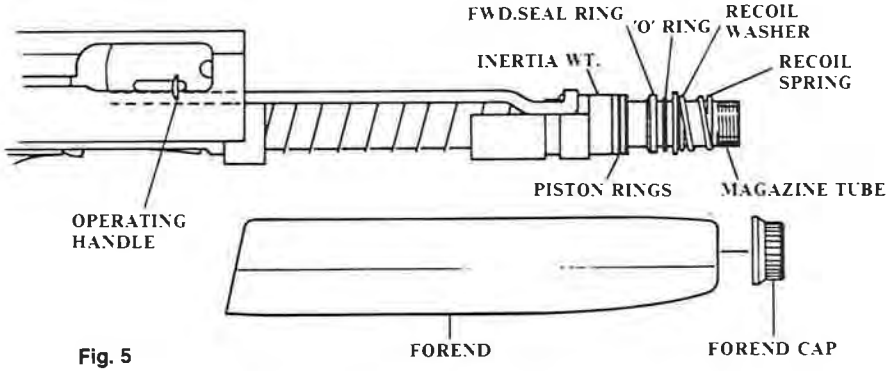


Fig. 5

The rubber "O" Ring should remain on the magazine tube. Fit the barrel extension into the receiver while sliding the gas cylinder over the magazine tube (Fig. 5).

Grasp the barrel securely and push it into the receiver, forcing the bolt rearward until it stops. The face of the bolt should be approximately ½ in. from the rear of the ejection port.

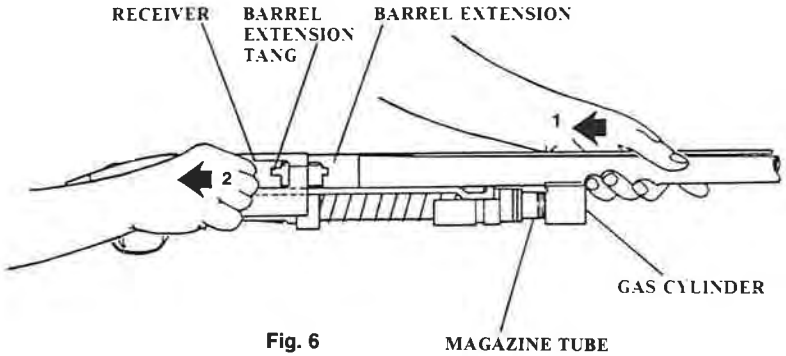


Fig. 6

While maintaining pressure on the barrel, pull the operating handle rearward until the bolt locks in the open position. This will allow the barrel to seat fully into the receiver.

Slide spring and washer on to the magazine tube in that order (Fig. 7).

Re-install forend and screw magazine cap into the magazine tube. Tighten by hand.

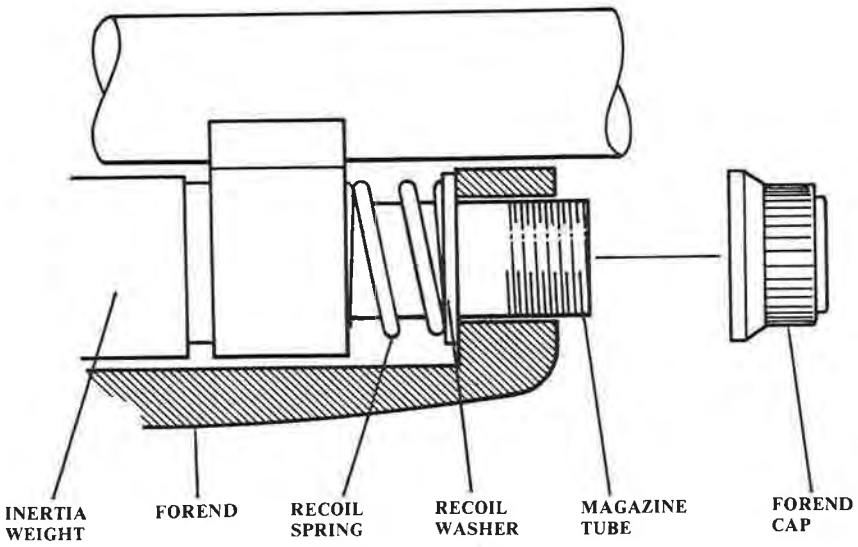


Fig. 7

With fingers and other objects away from the ejection port, push the bolt release (Fig. 8). The bolt should be driven forward under spring pressure and lock in the closed position. Grasp operating handle and pull bolt fully rearward to the locked position. The bolt should cycle smoothly without binding.

GENERAL OPERATING INSTRUCTIONS

THE BARREL MARKED 12GA-2¾ NON-MAGNUM LOADS ONLY" IS SPECIFICALLY DESIGNED FOR 2¾ IN. NON-MAGNUM TARGET OR FIELD LOADS.

SAFETY WARNING FIRING MAGNUM SHELLS IN THE NON-MAGNUM BARREL WILL RESULT IN DAMAGE TO THE FIREARM AND POSSIBLE PERSONAL INJURY.

THE BARREL MARKED "12GA MAGNUM SHELLS — 2¾ or 3 IN." IS SPECIFICALLY DESIGNED FOR THESE MAGNUM LOADS. LESS POWERFUL LOADS CAN BE FIRED IN THIS BARREL, BUT THEY MAY NOT RELIABLY CYCLE THE ACTION.

SAFETY WARNING SLUG BARRELS SPECIFICALLY DESIGNED TO FIRE SLUGS ARE AVAILABLE AS AN ACCESSORY FROM MOSSBERG. IF YOU CHOOSE TO USE A DIFFERENT MOSSBERG BARREL FOR SLUGS, IT MUST BE A "MAGNUM" BARREL.

TO LOCK ACTION OPEN — Magazine tube must be empty — with the safety "ON" (SAFE), pull the operating handle fully rearward and release. The action will move slightly forward and lock in open position.

SAFETY WARNING **TO CLOSE ACTION** — With safety "ON" (SAFE), press bolt release toward elevator until action releases. CAUTION: Keep fingers clear of operating handle and ejection port when closing action (See Figure 8).

BOLT LOCKED & UNDER SPRING PRESSURE

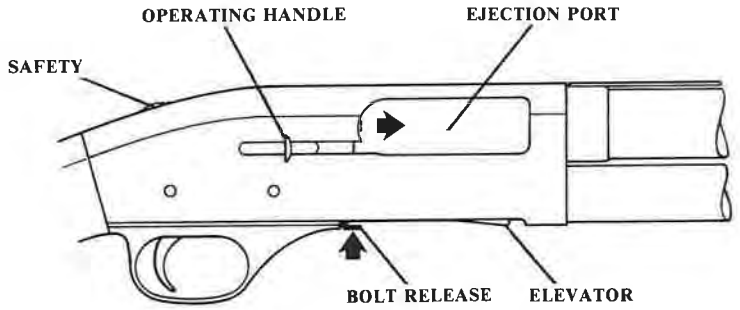


Fig. 8

MAGAZINE CAPACITY — Four (4) 2¾" shotshells, three (3) 3" shotshells when 3" chambered barrel is installed. If a magazine plug is installed, the capacity will be reduced to two (2) shotshells in the magazine tube.

MAGAZINE PLUG — Your Model 5500 MK II Autoloading Shotgun is supplied with a wooden plug inserted in the magazine tube. This reduces the capacity of the magazine tube to two (2) shells, (three (3) including chamber).

SAFETY WARNING Be sure the gun is unloaded and the safety is in the "ON" (SAFE) position before performing any assembly or disassembly procedure.

TO REMOVE THE PLUG

Unscrew and remove the forend cap. Grasp the barrel and forend to prevent them from sliding forward. Point the muzzle downward and shake the gun in an up and down motion until the wooden dowel falls through the opening in the muzzle end of the magazine tube. The dowel is fitted with a rubber "O" Ring to prevent it from falling out accidently. Grasp the dowel and pull it out completely.

TO INSTALL THE PLUG

Unscrew and remove the forend cap. Insert the end of the dowel with the "O" Ring into the opening in the end of the magazine tube. Push dowel into magazine tube. Replace forend cap.

LOADING

SAFETY WARNING BEFORE LOADING, MOVE THE SAFETY BUTTON (Fig. 2) TO THE "ON" SAFE POSITION.

SAFETY WARNING During loading, never allow fingers or any objects to contact the trigger. **KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AT ALL TIMES.**

Open the action by pulling the operating handle completely rearward until it locks in the open position (Fig. 8).

SAFETY WARNING Inspect the chamber and bore of the barrel for any obstruction, excessive oil or grease. (The chamber is the rear portion of the barrel which contains the cartridge.) Failure to do so may result in gun damage and/or personal injury when the shotgun is fired.

SAFETY WARNING DO NOT LOAD SHOTGUN UNTIL READY FOR USE! UNLOAD SHOTGUN WHEN SHOOTING HAS BEEN COMPLETED! THE SAFETY BUTTON SHOULD ALWAYS BE IN THE "ON" (SAFE) POSITION WHETHER THE FIREARM IS LOADED OR NOT.

SAFETY WARNING CHECK TO BE CERTAIN THAT THE AMMUNITION SELECTED IS THE SAME TYPE OF CARTRIDGE AS DESIGNATED ON THE LEFT SIDE OF THE BARREL.

If you wish to load the firearm with the maximum number of shells or fire single shots, load the first shell through the ejection port located on the right side of the receiver (Fig. 9). The shell can be inserted directly into the chamber or placed on top of the elevator. Close the action by pressing the bolt release (Fig. 8). Be sure to keep fingers and other objects out of the ejection port.

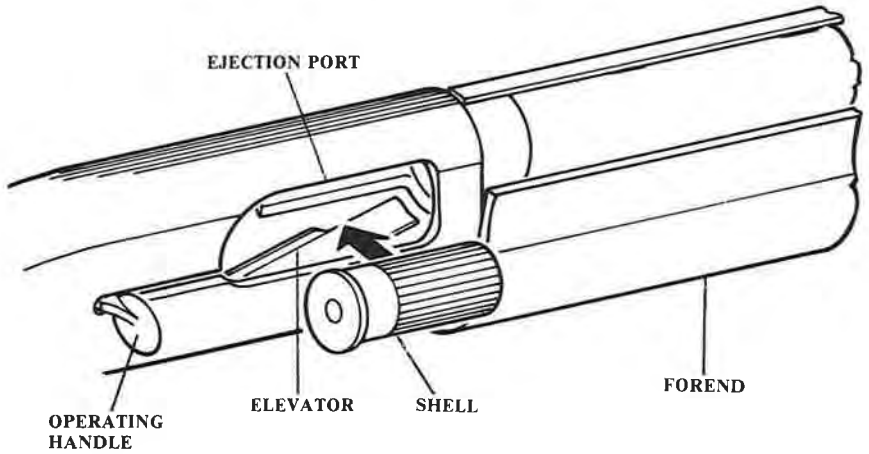


Fig. 9

SAFETY WARNING THE SHOTGUN IS NOW LOADED! THE SAFETY BUTTON SHOULD BE KEPT IN THE "ON" SAFE POSITION UNTIL READY FOR USE. **KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AT ALL TIMES.**

SAFETY WARNING **TO LOAD MAGAZINE —** With the safety in the rearward "ON" (SAFE) position and the bolt in the forward or closed position, hold the shotgun with the bottom of the receiver facing upward. Using the forward end of the shotshell press the bolt release as shown in Figure 10.

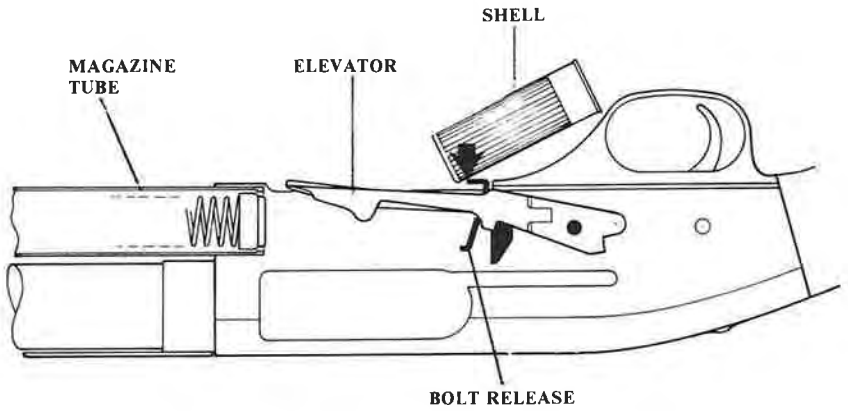


Fig. 10

While keeping the bolt release depressed, push the shotshell into the loading port depressing the elevator as shown in Figure 11. This will expose the magazine tube opening within the receiver.

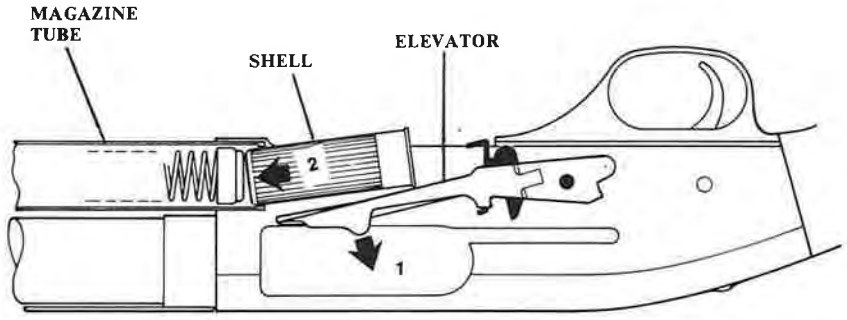


Fig. 11

Continue pushing shotshell into the magazine tube until the rim of the shell is past the shell stop as shown in Figure 12.

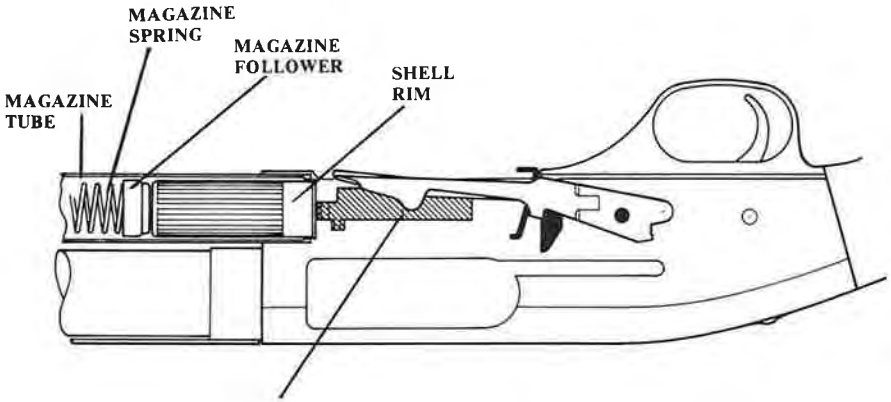


Fig. 12

Repeat the above step to load additional shells.

FIRING

WARNING: Should the round fail to fire, keep the gun pointed in a safe direction, put the safety in the "ON" (SAFE) position and do not open the action for at least 60 seconds. Then remove misfired round and segregate from other ammunition.

WARNING: If at anytime during firing, the report of any given round is noticeably louder or softer than previous rounds fired, STOP! Do not load or fire additional rounds until you have put the safety in the "ON" (SAFE) position, then safely unload your firearm and inspect it for possible damage or obstruction in the chamber or bore.

WARNING: During firing, the operating handle (Fig. 8) travels rearward with considerable force and velocity. Do not place hands or other objects in its path.

CAUTION: READ AND UNDERSTAND THE ENTIRE MANUAL AND SAFETY WARNINGS BEFORE FIRING YOUR MODEL 5500 MKII.

To Fire —

With the gun pointed in a safe direction and held in the proper firing position, move the safety to its "OFF" (FIRE) position. Pulling trigger through its full travel to the rear will fire the gun.

WARNING: After firing, the empty cartridge will be automatically ejected through the ejection port. Be sure that all observers are clear of the path of ejection as the empty cases are thrown out with significant force and could cause injury.

CAUTION: THE MODEL 5500 MKII IS A SEMI-AUTOMATIC SHOTGUN WHICH AUTOMATICALLY FEEDS THE NEXT LIVE ROUND FROM THE MAGAZINE INTO THE CHAMBER EACH TIME THE GUN IS FIRED UNTIL ALL ROUNDS ARE FIRED. YOU SHOULD BE AWARE THAT NO MECHANICAL FORCE ON THE PART OF THE USER IS NEEDED IN THIS PROCESS AND YOU SHOULD BE ALERT TO THE FACT THAT THE CHAMBER IS LOADED FOR YOU AND THE GUN IS CAPABLE OF FIRING AGAIN IF TRIGGER IS PULLED.

The gun is designed so that when all shells have been fired the breech bolt will automatically lock open in the rear position. YOU SHOULD NEVER USE THIS AS A GUIDE FOR DETERMINING IF THE FIREARM IS EMPTY! ALWAYS VISUALLY INSPECT BOTH CHAMBER AND MAGAZINE FOR THE PRESENCE OF AMMUNITION.

TO UNLOAD

Put the safety in the "ON" (SAFE) position and keep the muzzle pointed in a safe direction at all times. At no time during unloading should you allow your fingers or any other object to touch the trigger.

First, remove the round from the chamber by grasping the operating handle and pulling the bolt slowly rearward until the face of the bolt is even with the rear of the ejection port. Remove the round by hand.

DO NOT pull the bolt fully rearward to its locked position since this may release a round from the magazine tube. Allow the bolt to move forward slowly and close on an EMPTY chamber.

To remove shells from the magazine tube, turn the gun so that the trigger guard is facing upward. Depress the bolt release and elevator. While holding the elevator down, depress the front of the shell stop located on the opposite side of the receiver from the ejection port. This will release one shell from the magazine tube under spring pressure. Guide the shell upward and out of the gun. Only one shell will be released each time. Repeat this procedure until the magazine is completely empty (Fig. 13).

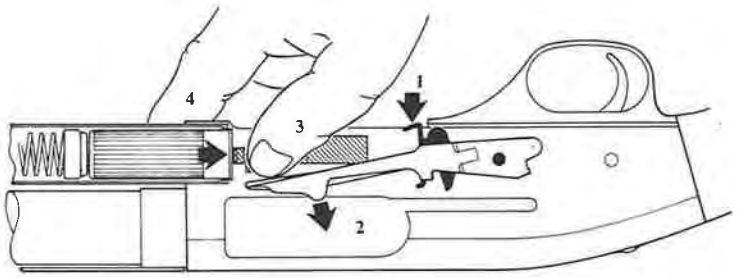


Fig. 13

After unloading the magazine, pull the operating handle rearward until the bolt locks in the open position.

SAFETY WARNING

RE-CHECK CHAMBER AND MAGAZINE TO BE CERTAIN GUN IS UNLOADED.

DISASSEMBLY

SAFETY WARNING

Put the safety in the "ON" (SAFE) position and check chamber, elevator and magazine to be certain gun is unloaded. Wear eye protection during disassembly and cleaning.

BARREL

The action must be in the closed position (bolt fully forward). Unscrew the forend cap and remove the forend. (Fig. 5). Remove recoil washer and recoil spring (Fig. 14).

Grasp the barrel ahead of the gas cylinder and pull forward until it is free of the receiver and magazine tube (Fig. 14)

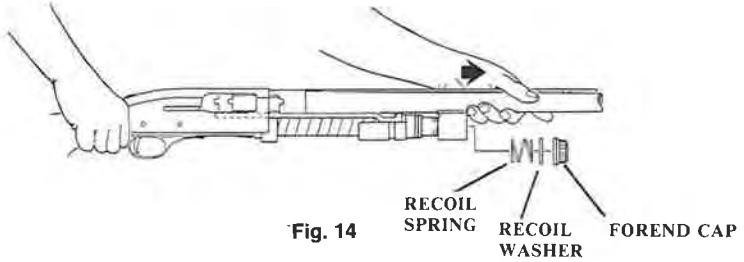


Fig. 14

ACTION

Remove the O-Ring and the forward seal ring. The action spring is located ahead of the receiver and will normally push the mechanism toward the front of the receiver after the barrel has been removed. The operating handle will rest against the front edge of the ejection port. Push the action bar slightly rearward and while holding the mechanism, remove the operating handle by pulling straight out. Remove the inertia weight action bar and bolt assembly from the receiver and magazine tube (Fig. 15)

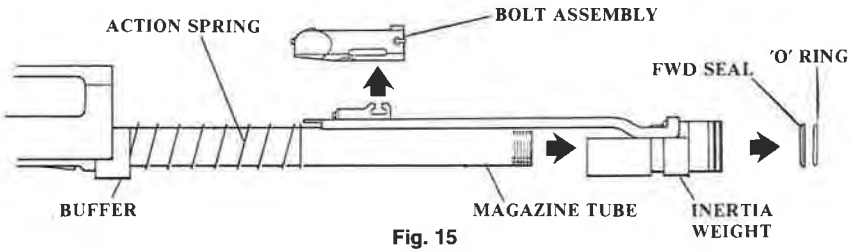


Fig. 15

Remove the action spring and buffer simultaneously by grasping the buffer (Fig. 15) and sliding it forward and off the magazine tube. This method of removal will prevent stretching and distorting of the action spring.

Using a blunt object, push out the two trigger housing retaining pins (Fig. 16).

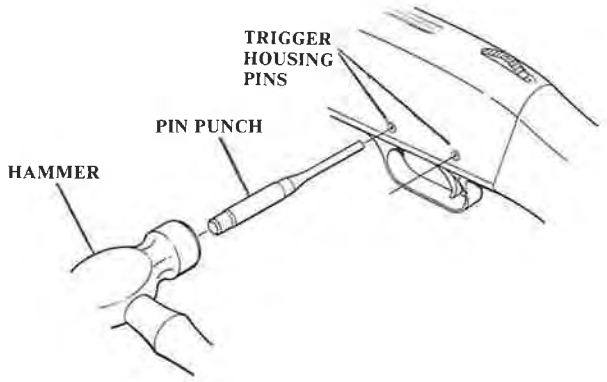


Fig. 16

The trigger housing assembly can now be pulled straight out of the receiver.

SAFETY WARNING

The trigger housing assembly is a complex assembly and must not be disassembled. Disassembly should only be performed by the factory or a qualified gunsmith.

CAUTION: Do not pull the trigger and allow the hammer to fall when the trigger housing assembly is removed from the receiver. To do so may result in personal injury or damage to the assembly.

SAFETY WARNING

CAUTION: Field disassembly is now completed. The shotgun should not be disassembled further for routine cleaning or maintenance. Further disassembly should only be performed by the factory or a qualified gunsmith.

CLEANING AND LUBRICATION

For maximum performance and continued satisfaction with your Model 5500 MK II shotgun, periodic cleaning and lubrication are essential. Always be sure that the safety is "ON" (SAFE) and that the gun is unloaded before cleaning your gun. Wear eye protection during cleaning.

Normal use requires only that the mechanisms be free of excessive shooting residue. Very little lubrication other than a light oiling of external surfaces to prevent rust is needed.

During extended periods of shooting, more frequent cleaning of your gun, especially the gas system, may be required.

If the gun is to be stored for a long period of time it should be thoroughly cleaned and oiled. Do not plug barrel or store in a fabric lined case that will absorb lubricant from the gun.

Over lubrication should be avoided during below freezing conditions. Exposure to unfavorable weather or moisture from condensation requires additional care.

Before firing after storage all excess lubrication should be removed.

Follow barrel removal instructions as detailed in the disassembly section of this manual.

Scrub bore and chamber with solvent and follow with cleaning patches until barrel is clean. A final pass with a lightly oiled patch will provide a protective coating. Clean and remove any deposits in the barrel extension and gas cylinder.

ACTION CLEANING — Clean all components of the action (See Fig. 15) to remove accumulated residue. An evaporating solvent should be used. Action parts will remain cleaner longer if lubrication is used sparingly.

GAS SYSTEM — The gas system includes the inertia weight, magazine tube, action spring, forward seal ring, O-ring and the gas cylinder of the barrel. These parts should be thoroughly cleaned using solvent. A stiff brass bristle brush is useful for removing stubborn deposits (See Fig. 17 & 18).

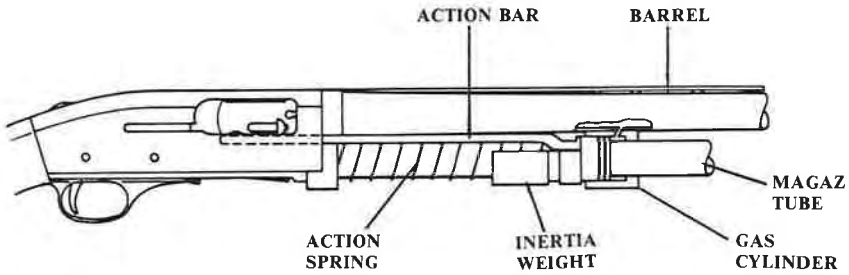


Fig. 17

Apply a light coat of gun oil to all metal parts and then wipe thoroughly with a dry cloth. Excess oil will accelerate the build up of carbon residue in the gas system and may have a negative effect on gun performance.

ASSEMBLY

Place the inertia weight buffer on the magazine tube with the flat side facing the muzzle. Slide it down the magazine tube until it rests firmly against and overlaps under the receiver (Fig. 18).

One end of the action spring has two closely wound wire coils. Take this double wound end and place it over the magazine tube. Rotate the spring in a counter-clockwise direction while sliding it onto the magazine tube until it rests firmly inside the corresponding cut in the end of the buffer.

Slide the action bar/inertia weight assembly onto the magazine tube until the front of the inertia weight is even with the end of the tube (Fig. 18).

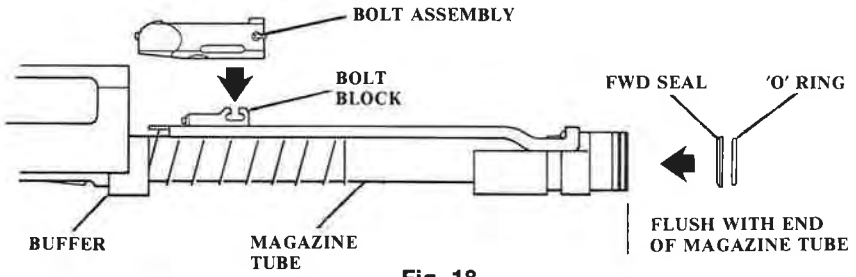


Fig. 18

Place the bolt assembly on the bolt block as shown in Figure 18.

Align the action bars with the corresponding cuts in the front of the receiver.

Grasp the inertia weight and push the assembly into the receiver against the pressure of the action spring.

NOTE: If the bolt stops approximately halfway into the receiver DO NOT FORCE. Rotate the action bars counter-clockwise slightly to allow the action bar to slide past the right hand shell stop more easily.

Continue sliding the assembly rearward until the front of the bolt is visible in the ejection port. While maintaining pressure against the spring, insert the operating handle (with its notch facing toward the butt) into the side of the bolt.

Push the handle in firmly until you feel it snap into position (Fig. 4).

Slide the forward seal ring onto the magazine tube with its angled or beveled edge resting against the inertia weight.

Slide the rubber "O" ring onto the tube until it rests against the forward seal ring (Fig. 5).

Insert the trigger housing into the receiver, align the two trigger housing pin holes and insert the trigger housing pins until they are flush with the sides of the receiver.

Install barrel, recoil spring and washer, forend and forend cap as described on pages 5 and 6 of this manual.

FUNCTION TESTING

SAFETY WARNING

AFTER PERFORMING ANY WORK ON YOUR FIREARM SUCH AS CLEANING, DISASSEMBLY OR INSTALLATION OF AN ACCESSORY, RECHECK YOUR GUN FOR PROPER FUNCTIONING BEFORE FIRING ANY LIVE AMMUNITION.

SAFETY WARNING

BE SURE THE FIREARM IS COMPLETELY UNLOADED AND POINTED IN A SAFE DIRECTION AT ALL TIMES.

Move safety button to the "ON" (SAFE) position.

Grasp the operating handle and pull the bolt fully rearward. It should lock in the open position.

With fingers and other objects clear of the ejection port, depress the bolt release and allow the bolt to move forward under spring pressure. It should lock in the fully closed position. Repeat this procedure several times to check for free movement of the action assemblies.

Close the action and leave the safety in the "ON" (SAFE) position. Pull the trigger rearward fully. The hammer should not fall (No Fire).

Remove your finger from the trigger. Move the safety to the "OFF" (FIRE) position. The hammer should not fall (No Fire).

Leave the safety in the "OFF" (FIRE) position.

Pull the trigger rearward. The hammer should fall (Fire).

Open the action. Move the safety to the "ON" (SAFE) position.

SAFETY WARNING

IF YOUR FIREARM DOES NOT PERFORM AS DESCRIBED IN ANY OF THE ABOVE STEPS, CONTACT O. F. MOSSBERG & SONS, INC., IMMEDIATELY. DO NOT ATTEMPT TO USE THE FIREARM.

SIGHT ADJUSTMENT — RIFLE SIGHT BARRELS

BEFORE MAKING ANY SIGHT ADJUSTMENTS:

SAFETY WARNING

a. Move safety button to the "ON" (SAFE) position.

SAFETY WARNING

b. Open the action, check chamber, elevator and magazine tube to be certain firearm is unloaded.

SAFETY WARNING

KEEP ACTION OPEN AND MUZZLE POINTED IN A SAFE DIRECTION

Elevation may be adjusted by loosening the small screw in the center of the rear sight. This will allow the sight blade to be moved upward or downward as required.

Windage may be adjusted by moving the rear sight base to the left or right in the dove tail slot in the barrel. Place a wooden dowel or other object that will not damage the finish, against the side of the sight base. Tap the dowel with a hammer until the desired sight location is achieved.

Remember: Move the rear sight in the same direction you would like the shot to move. For example, if the point of impact is low and left of the point of aim . . . move the rear sight upward and to the right.

CHOKE TUBES

SAFETY WARNING BEFORE PERFORMING ANY DISASSEMBLY PROCEDURES ALWAYS:

SAFETY WARNING Move safety button to the "ON" (SAFE) position.

SAFETY WARNING Open the action, check chamber and magazine to be certain the firearm is unloaded.

SAFETY WARNING **KEEP ACTION OPEN AND MUZZLE POINTED IN A SAFE DIRECTION.**

SAFETY WARNING STEEL SHOT should not be fired through Accu-I or Accu-II tubes. Doing so will damage the tubes and may also result in barrel damage at the muzzle.

SAFETY WARNING Use only "Accu-Steel" tubes for steel shot. These hardened stainless tubes have been specifically designed for endurance and patterning with steel shot loads.

SAFETY WARNING Never fire the gun without a choke tube properly installed. This will damage the precision threads on the inside of the barrel.

SAFETY WARNING Do not use bent or deformed tubes as these may result in tube or barrel damage upon firing. Inspect tubes periodically to ensure they are properly installed and in good condition. Pay special attention to the threaded end of the tube to be certain it is not deformed or dented.

To remove choke tube, loosen with wrench provided, turning counter-clockwise. When loose, remove completely with fingers, put choke on a clean, dry surface.

To install choke tube, first screw the tube clockwise into barrel by hand and then tighten the tube until snug with the wrench provided. Do not use excessive force when installing. Tube tightness should be checked periodically.

RIFLED SLUGS may be fired through any of the Accu-Choke or Accu-Steel tubes. The "Improved Cylinder" choke tube will usually produce the best accuracy with most slugs.

INTERCHANGEABILITY

Any one of the three styles of tubes may be used in all Mossberg choke tube barrels (except for the Model 835) as well as choke tube barrels manufactured by Savage Arms, U.S. Repeating Arms, Smith & Wesson and Browning.

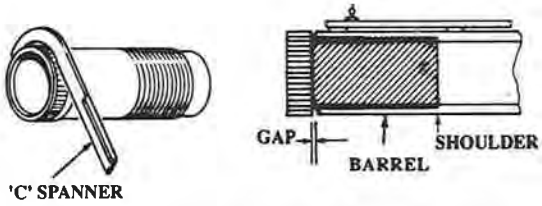
When Accu-II flush fitting tubes are installed in barrels originally supplied with the Accu-I type tubes, the center of the shot pattern may change slightly due to the differences in alignment points between the choke tube and the barrel.

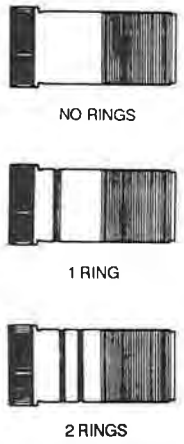
CARE & CLEANING — The precision threads on your choke tube should be kept clean and lightly oiled at all times.

During cleaning of the barrel, be certain a choke tube is properly installed. This will avoid residue build-up on threads.

ORIGINAL "ACCU-CHOKE I"

With a knurled end which protrudes beyond the muzzle when fully installed. They are for use with lead shot only.

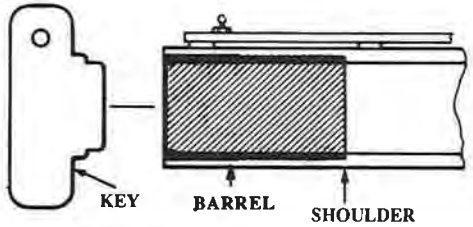


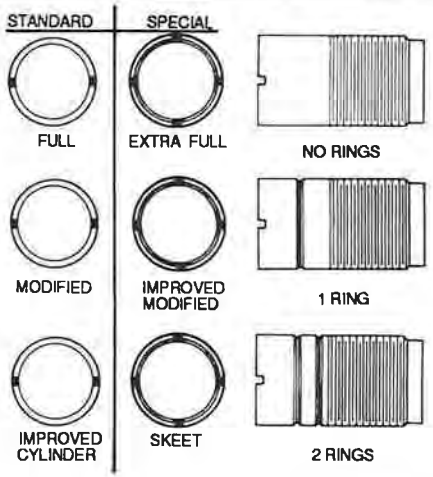


"ACCU-CHOKE II"

With slots in the end. These tubes fit completely inside the barrel when fully installed. They are for use with lead shot only.

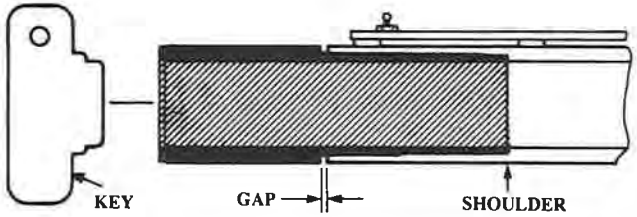
Standard choke tubes have 2 wrench slots. Special order choke tubes have 4 wrench slots.

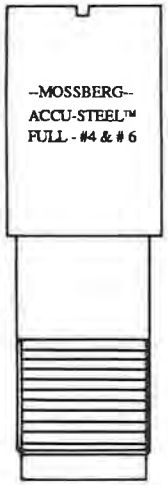




"ACCU-STEEL" TUBES

With slots in the end. These tubes protrude beyond the muzzle and are designed specifically for steel shot. Choke designations are marked on each tube. There are Modified and Full choke tubes available for specific steel shot sizes.





NOTE: Accu-Steel tubes may be used with lead shot, but will produce more open patterns than those marked on the tube.

INSTALLING PISTOL GRIP

SAFETY WARNING Upon firing, recoil force will cause the gun to more rearward and upward. Never hold the gun at eye level and attempt to sight down the barrel.

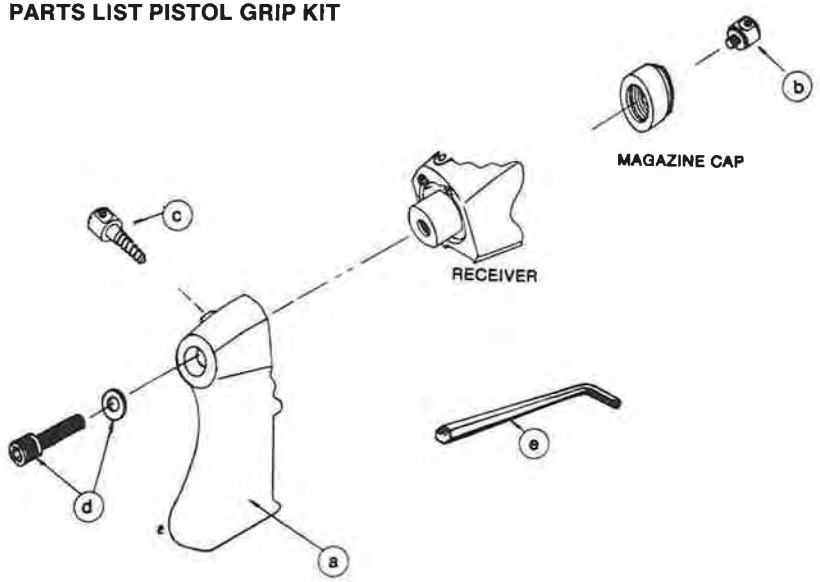
SAFETY WARNING To avoid possible injury, grip the gun securely with both hands and NEVER hold the pistol grip close to your face.

SAFETY WARNING Pistol grip models are designed to be held at waist level when firing.

Review Parts List — use only factory parts supplied.

a) Pistol grip
b) Front sling swivel post
c) Rear sling swivel post
d) Allen head mounting bolt and flat washer
e) 1/4 in. Allen wrench

PARTS LIST PISTOL GRIP KIT



BEFORE PERFORMING ANY DISASSEMBLY OR ASSEMBLY PROCEDURE:

SAFETY WARNING a) Move safety button rearward to the "ON" (SAFE) position.

SAFETY WARNING b) Open the action, check chamber, elevator and magazine tube to be certain firearm is unloaded.

SAFETY WARNING **KEEP ACTION OPEN AND MUZZLE POINTED IN A SAFE DIRECTION**

To Remove Buttstock

a) Loosen the top screw holding the recoil pad or butt plate on stock.

Note: Most models use Phillips head screws.

b) Loosen and remove the bottom recoil pad or butt plate screw.

c) Swing the recoil pad or butt plate around the top screw which will allow access to the stock bolt through the stock bolt hole.

d) Check stock bolt head configuration. Some models use a slotted head, other synthetic stocks use a 1/2 in. hex head.

e) Loosen and remove stock bolt by turning it counter clockwise. The stock may now be removed from the receiver.

Installation of Pistol Grip

a) Align mounting hole in pistol grip with threaded hole in rear of the receiver.

b) Slip washer on bolt. Insert bolt through pistol grip into hole in receiver. Finger tighten bolt to insure threads are properly engaged. If you encounter difficulty, unscrew bolt and repeat procedure.

c) Using Allen wrench supplied, tighten bolt firmly.

SAFETY WARNING FOR SAFE GUN HANDLING, AFTER PERFORMING ANY WORK ON YOUR FIREARM SUCH AS CLEANING, DISASSEMBLY OR INSTALLATION OF ANY ACCESSORY, THE GUN SHOULD BE RE-CHECKED FOR PROPER FUNCTIONING BEFORE FIRING LIVE AMMUNITION.

IF YOU DO NOT UNDERSTAND ANY OF THE MATERIAL IN THIS MANUAL OR HAVE ANY QUESTIONS, CONTACT A QUALIFIED GUNSMITH OR O. F. MOSSBERG & SONS, INC., DIRECTLY.

FIREARMS ARE COMPLICATED MECHANISMS. ANY MODIFICATION ALTERATIONS, OR IMPROPER FITTING OF PARTS MAY RESULT IN A DANGEROUS MALFUNCTION, DAMAGE TO THE FIREARM AND INJURY TO THE SHOOTER AND OTHER PERSONS. THE GUN OWNER MUST ACCEPT FULL RESPONSIBILITY FOR THE CORRECT REASSEMBLY AND FUNCTIONING OF THE FIREARM AFTER ANY DISASSEMBLY OR REPLACEMENT OF PARTS.

MOSSBERG MODEL 5500 MKII AUTOLOADING SHOTGUN SERVICE INSTRUCTIONS

Should your firearm require service that necessitates return to our factory or a service center, kindly follow these instructions.

BE SURE GUN IS NOT LOADED

Please do not ship in a gun case, or in a special container that must be returned from the factory. O. F. Mossberg & Sons, Inc., cannot ensure returning gun in same carton.

When shipping your gun, broken down into two or more pieces, make sure that your stock is adequately wrapped to protect it from dents and scratches by the barrel, action or other parts that might shift in the carton during shipping. O. F. Mossberg & Sons, Inc., will not be responsible for any damage to guns during shipment to the factory.

Please do not send gun accessories, such as sling straps, quick release swivels, telescopes, mounts or other equipment to the factory with the gun.

Briefly state the reason you are returning the firearm.

When ordering replacement parts, please provide:

1. Model #
2. Serial #
3. Gauge
4. Finish (i.e., Blue, Camo, etc.)
5. Part name
6. Part reference # as indicated on exploded view drawing.

Include your complete return address (not a P.O. Box #) and phone number where you can be reached during normal business hours.

MODEL 5500 MK II PARTS LIST

Item No.	Part Name
1	Recoil Pad Screws
2	Recoil Pad
3	Stock
4	Stock Bolt
5	Stock Bolt Lock Washer
6	Stock Bolt Washer
7	Safety Connector
8	Bolt Buffer
9	Safety Connector Ret. Pin.
10	Bolt Buffer Screw
11	Trigger Housing Pin
12	Safety Lock
13	Detent Plate
14	Safety Button Screw
15	Safety Button
16	Safety Detent Ball
17	Safety Detent Spring
18	Trigger Housing Pin Retainer
19	Receiver
20	Retaining Ring
21	Trigger Pin
22	Shell Stop - L.H.
23	Trigger Housing Pin Bushing
24	Trigger Housing
25	Pivot Pin Retaining Clip
26	Shell Stop Pivot Pin
27	Shell Stop Spring
28	Shell Stop Assembly - R.H.
29	Cart. Stop Buffer - L.H.
30	Magazine Follower
31	Magazine Spring
32	Forend Cap Detent
33	Magazine Spring Retainer
34	Magazine Plug
35	Forend
36	Forend Cap
37	Recoil Spring
38	Recoil Washer
39	Receiver Insert
40	Magazine Tube
41	Inertia Weight Buffer
42	Action Spring
43	Action Bar Spring Retainer
44	Sear Pin
45	Hammer Pin
46	Elevator Pawl Pin
47	Bolt Release Spring
48	Hammer
49	Hammer Spring Plunger
50	Hammer Spring
51	Sear
52	Sear Spring Pin
53	Sear Disc. Spring
54	Disconnector
55	Disconnector Pins
56	Trigger
57	Retaining Ring
58	Elevator Pawl Strut
59	Elevator Pawl Strut Pin
60	Elevator Pawl
61	Elevator
62	Bolt Release Spring Plunger
63	Inertia Weight
64	Inner Piston Ring
65	O Ring
66	Forward Seal Ring
67	Outer Piston Ring
68	Action Bar Sub-Assembly
69	Retaining Pin
70	Operating Handle Plunger
71	Oper. Handle Plunger Spring
72	Slide Block Buffer
73	Firing Pin
74	Firing Pin Spring
75	Bolt
76	Bolt Lock
77	Bolt Lock Pin
78	Operating Handle
79	Extractor Spring
80	Extractor Plunger
81	Extractor
82	Barrel Assembly
83	Cart. Stop Buffer - R.H.
84	Front Sight
85	Firing Pin Retaining Pin
86	Bolt Release

MODEL 5500 MK II PARTS LIST

Item No.	Part Name	Item No.	Part Name
1	Recoil Pad Screws	44	Sear Pin
2	Recoil Pad	45	Hammer Pin
3	Stock	46	Elevator Pawl Pin
4	Stock Bolt	47	Bolt Release Spring
5	Stock Bolt Lock Washer	48	Hammer
6	Stock Bolt Washer	49	Hammer Spring Plunger
7	Safety Connector	50	Hammer Spring
8	Bolt Buffer	51	Sear
9	Safety Connector Ret. Pin.	52	Sear Spring Pin
10	Bolt Buffer Screw	53	Sear Disc. Spring
11	Trigger Housing Pin	54	Disconnector
12	Safety Lock	55	Disconnector Pins
13	Detent Plate	56	Trigger
14	Safety Button Screw	57	Retaining Ring
15	Safety Button	58	Elevator Pawl Strut
16	Safety Detent Ball	59	Elevator Pawl Strut Pin
17	Safety Detent Spring	60	Elevator Pawl
18	Trigger Housing Pin Retainer	61	Elevator
19	Receiver	62	Bolt Release Spring Plunger
20	Retaining Ring	63	Inertia Weight
21	Trigger Pin	64	Inner Piston Ring
22	Shell Stop - L.H.	65	O Ring
23	Trigger Housing Pin Bushing	66	Forward Seal Ring
24	Trigger Housing	67	Outer Piston Ring
25	Pivot Pin Retaining Clip	68	Action Bar Sub-Assembly
26	Shell Stop Pivot Pin	69	Retaining Pin
27	Shell Stop Spring	70	Operating Handle Plunger
28	Shell Stop Assembly - R.H.	71	Oper. Handle Plunger Spring
29	Cart. Stop Buffer - L.H.	72	Slide Block Buffer
30	Magazine Follower	73	Firing Pin
31	Magazine Spring	74	Firing Pin Spring
32	Forend Cap Detent	75	Bolt
33	Magazine Spring Retainer	76	Bolt Lock
34	Magazine Plug	77	Bolt Lock Pin
35	Forend	78	Operating Handle
36	Forend Cap	79	Extractor Spring
37	Recoil Spring	80	Extractor Plunger
38	Recoil Washer	81	Extractor
39	Receiver Insert	82	Barrel Assembly
40	Magazine Tube	83	Cart. Stop Buffer - R.H.
41	Inertia Weight Buffer	84	Front Sight
42	Action Spring	85	Firing Pin Retaining Pin
43	Action Bar Spring Retainer	86	Bolt Release